

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041390.D
 Acq On : 22 Jul 2024 17:37
 Operator : SY/MD
 Sample : P3259-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 03:17:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Tue Jul 23 02:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.208	49	968880	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2594771	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2278796	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1748807	10.239	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%
Target Compounds						Qvalue
9) Propene	2.729	41	10693	0.185	ppbv	90
13) Ethanol	3.301	45	3020m	0.235	ppbv	
15) Acetone	3.497	43	1505990	11.769	ppbv	94
20) Methylene Chloride	3.957	84	48266	1.040	ppbv	95
25) Ethyl Acetate	5.230	43	78061	0.331	ppbv #	94
26) Hexane	5.230	57	61847	0.593	ppbv #	64
34) 2-Butanone	4.828	43	49911m	0.365	ppbv	
38) Trichloroethene	7.301	130	2845	0.030	ppbv #	65
51) 2-Hexanone	9.574	43	22778m	0.146	ppbv	
52) Tetrachloroethene	10.613	164	36076	0.418	ppbv	89
53) Toluene	9.227	91	51823	0.214	ppbv	97
59) m/p-Xylene	12.355	91	43706m	0.166	ppbv	
60) o-Xylene	13.060	91	25734m	0.103	ppbv	
74) 1,2,4-Trimethylbenzene	16.104	105	40596m	0.142	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

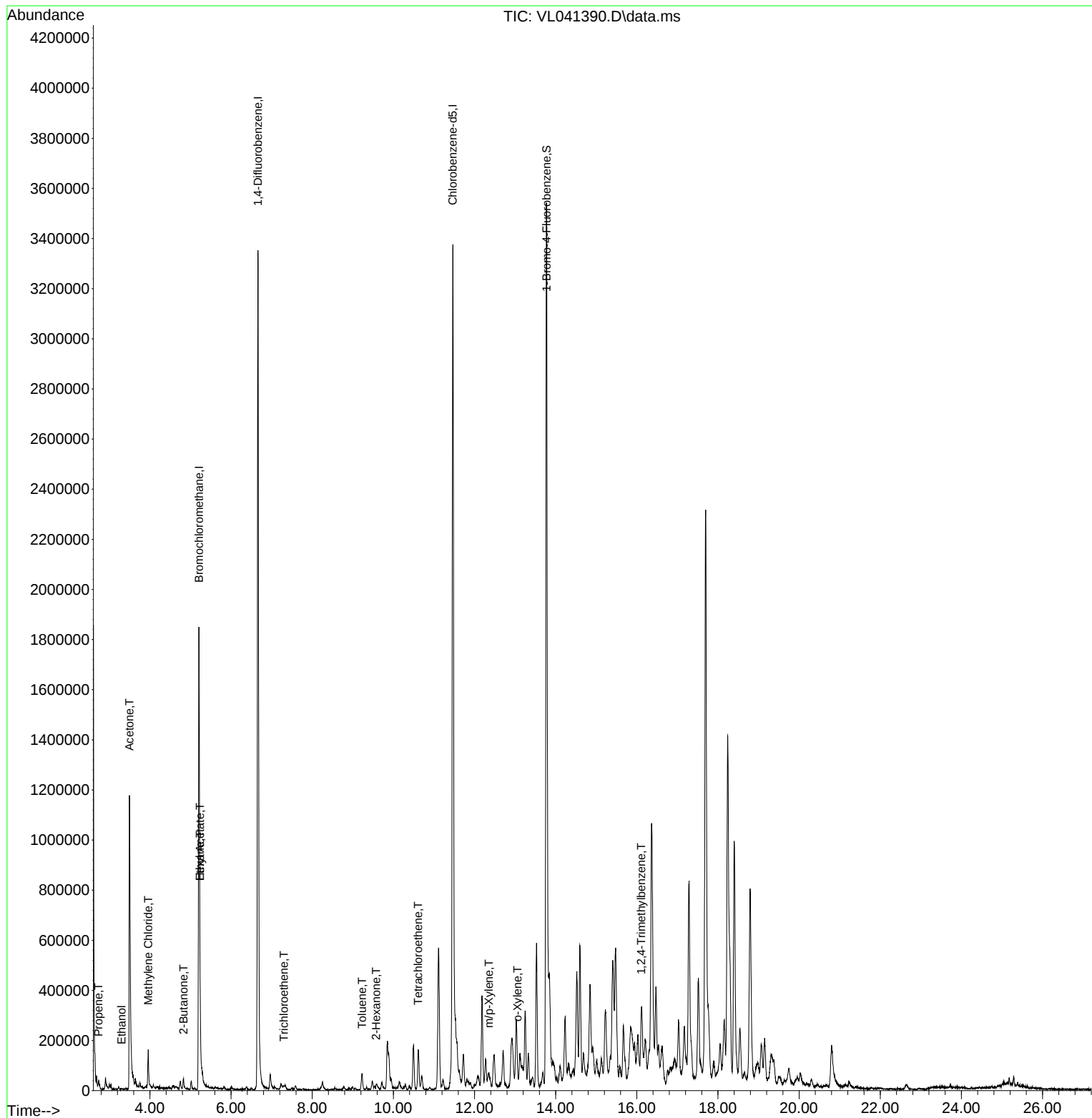
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
Data File : VL041390.D
Acq On : 22 Jul 2024 17:37
Operator : SY/MD
Sample : P3259-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

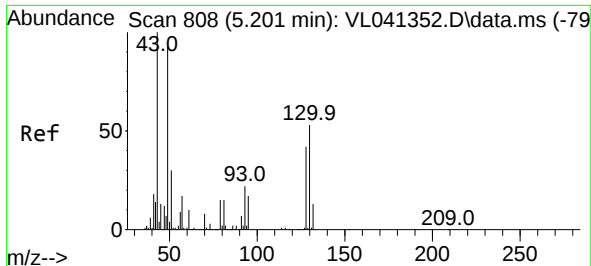
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Jul 23 03:17:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jul 23 02:50:01 2024
Response via : Initial Calibration

Manual Integrations
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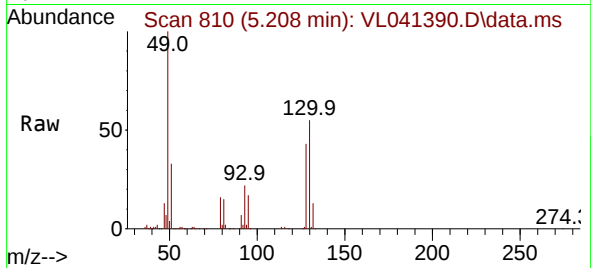
Reviewed By : Mahesh Dadoda 07/23/2024
Supervised By : Semsettin Yesilyurt 07/24/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

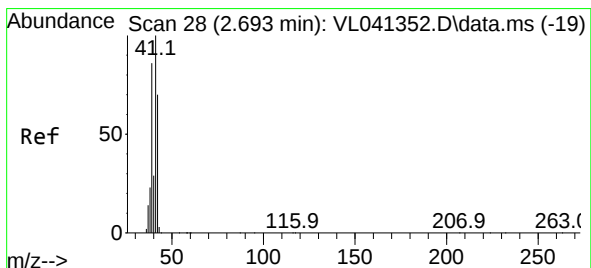
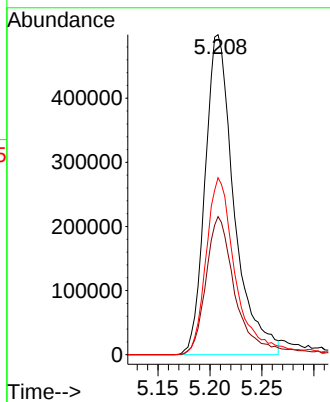
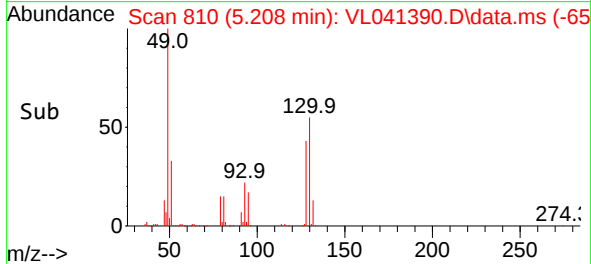
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



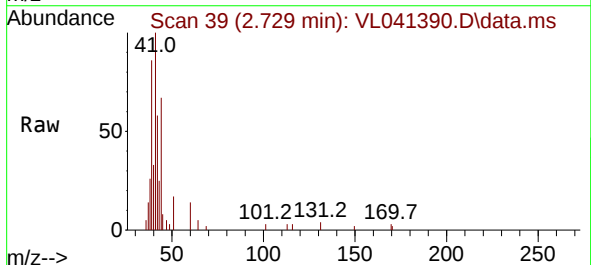
Tgt Ion: 49 Resp: 968880
Ion Ratio Lower Upper
49 100
128 46.0 22.8 68.3
130 59.2 28.9 86.7

Manual Integrations
APPROVED

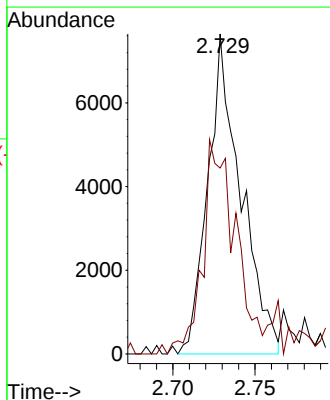
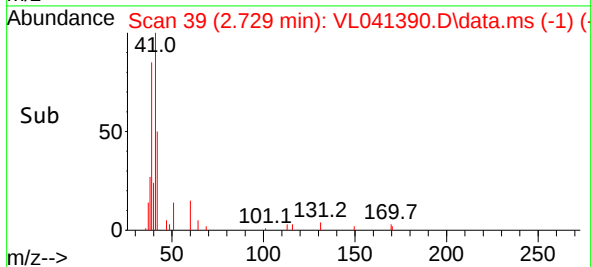
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

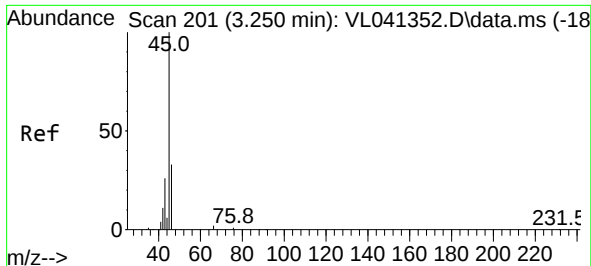


#9
Propene
Concen: 0.185 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.006 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37



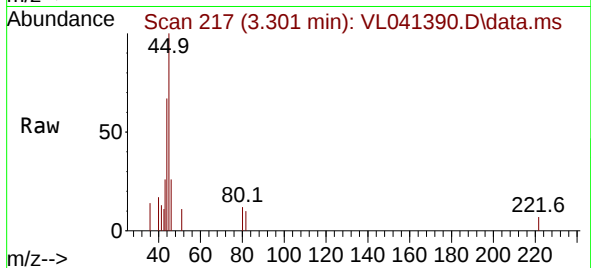
Tgt Ion: 41 Resp: 10693
Ion Ratio Lower Upper
41 100
42 78.0 55.8 83.8





#13
Ethanol
Concen: 0.235 ppbv m
RT: 3.301 min Scan# 217
Delta R.T. 0.019 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

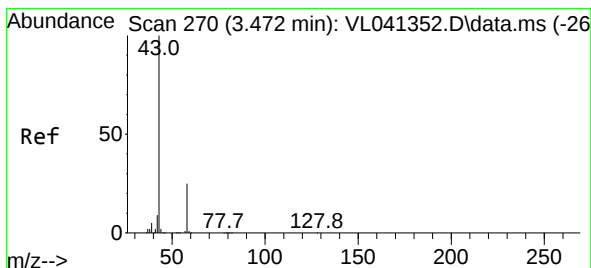
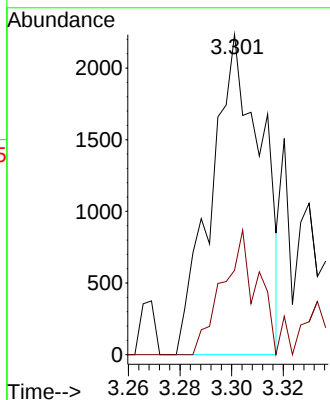
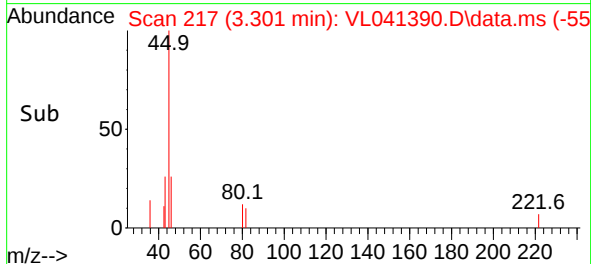
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 3020
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.3

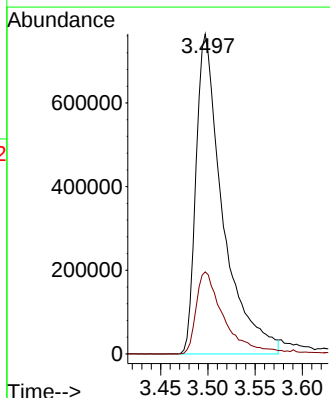
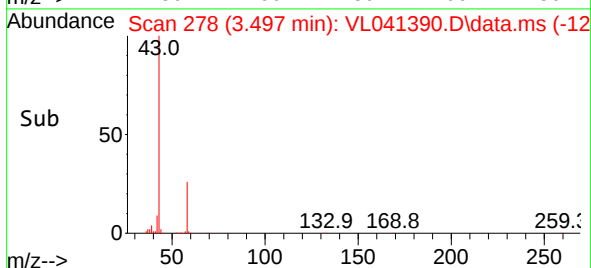
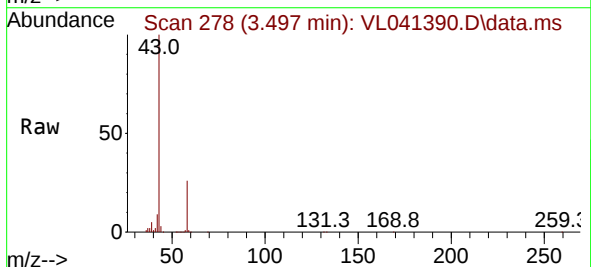
Manual Integrations
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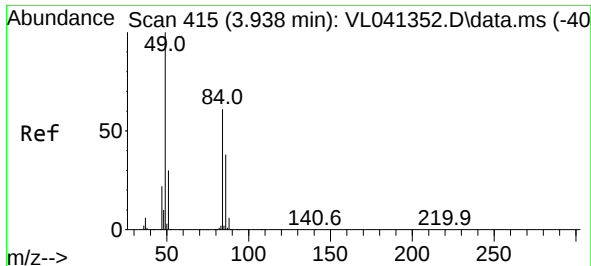
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#15
Acetone
Concen: 11.769 ppbv
RT: 3.497 min Scan# 278
Delta R.T. -0.003 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

Tgt Ion: 43 Resp: 1505990
Ion Ratio Lower Upper
43 100
58 28.3 20.3 30.5





#20

Methylene Chloride

Concen: 1.040 ppbv

RT: 3.957 min Scan# 415

Delta R.T. -0.006 min

Lab File: VL041390.D

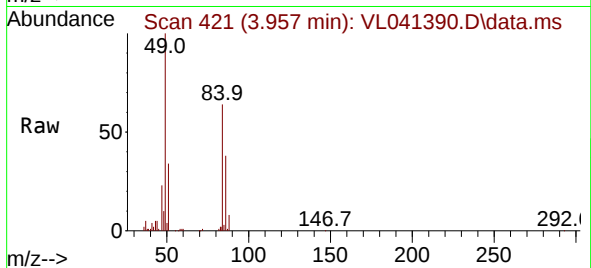
Acq: 22 Jul 2024 17:37

Instrument :

MSVOA_L

ClientSampleId :

SV1DL



Tgt Ion: 84 Resp: 48260

Ion Ratio Lower Upper

84 100

49 156.7 131.8 197.6

51 53.6 39.6 59.4

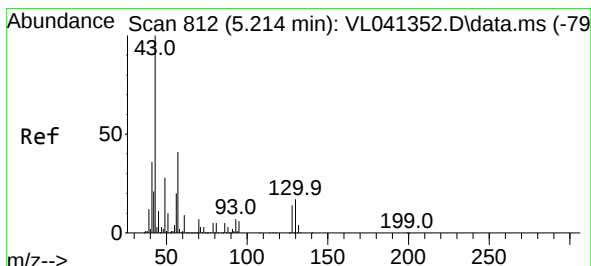
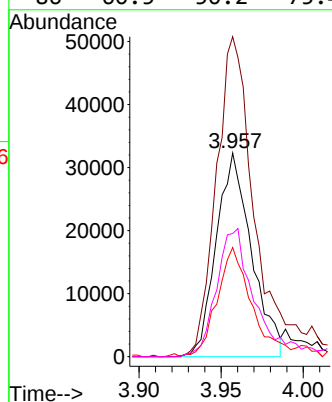
86 60.5 50.2 75.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#25

Ethyl Acetate

Concen: 0.331 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.003 min

Lab File: VL041390.D

Acq: 22 Jul 2024 17:37

Tgt Ion: 43 Resp: 78061

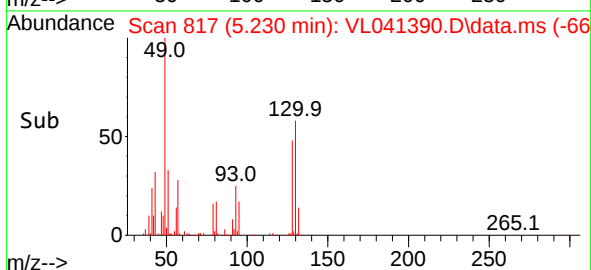
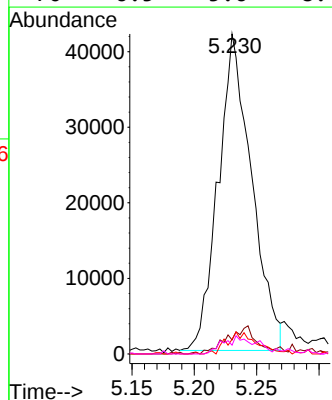
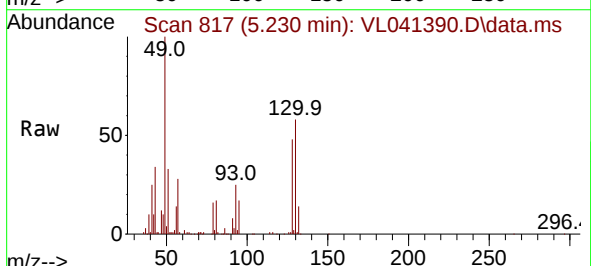
Ion Ratio Lower Upper

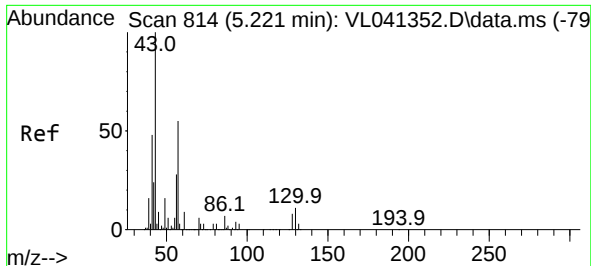
43 100

45 8.2 8.3 12.5#

61 6.5 7.7 11.5#

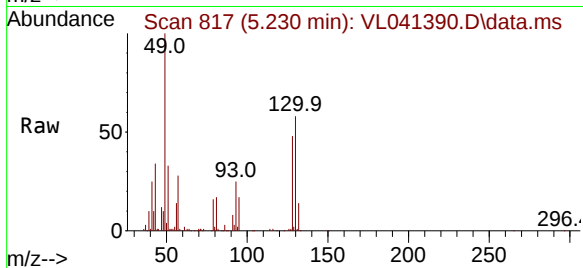
70 6.5 5.6 8.4





#26
Hexane
Concen: 0.593 ppbv
RT: 5.230 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

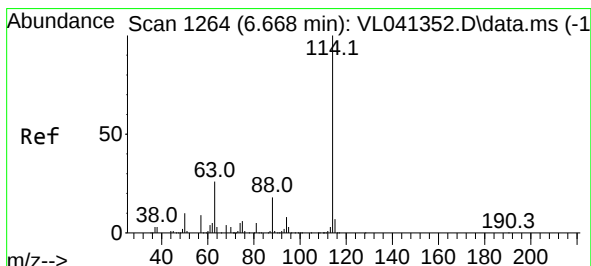
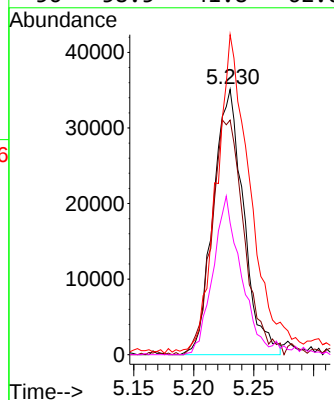
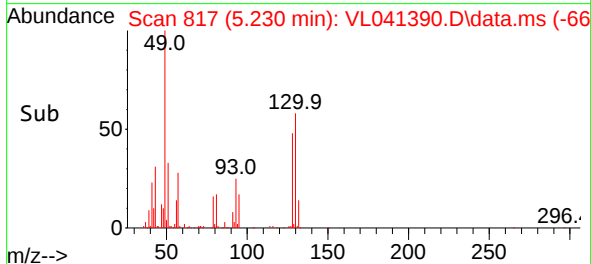
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 6184
Ion Ratio Lower Upper
57 100
41 97.7 73.7 110.5
43 139.2 182.2 273.2
56 58.5 41.8 62.6

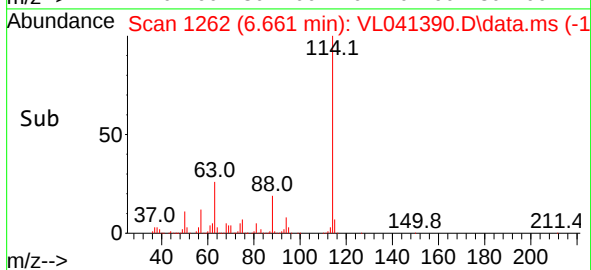
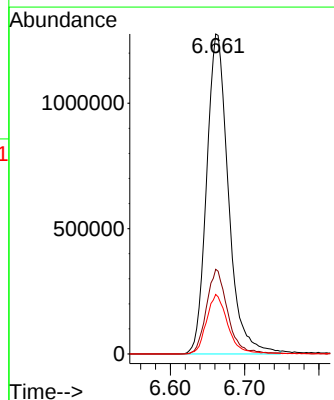
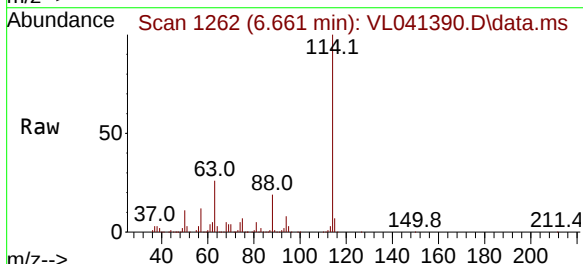
Manual Integrations
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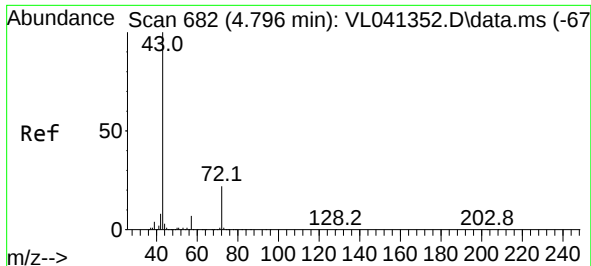
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

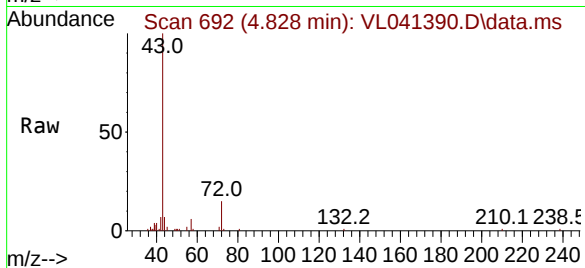
Tgt Ion:114 Resp: 2594771
Ion Ratio Lower Upper
114 100
63 26.1 20.6 31.0
88 18.4 14.6 21.8





#34
2-Butanone
Concen: 0.365 ppbv m
RT: 4.828 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

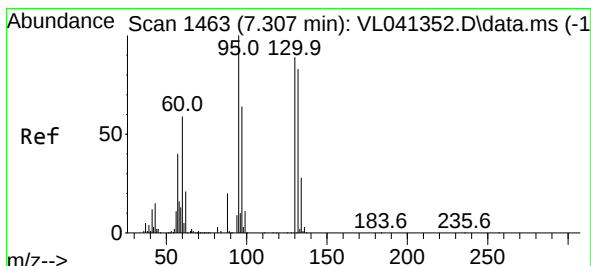
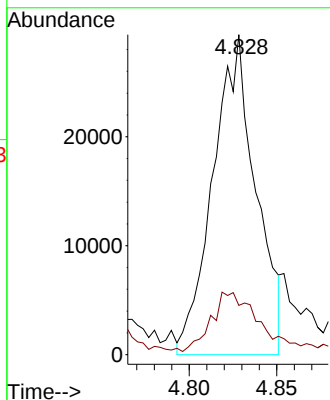
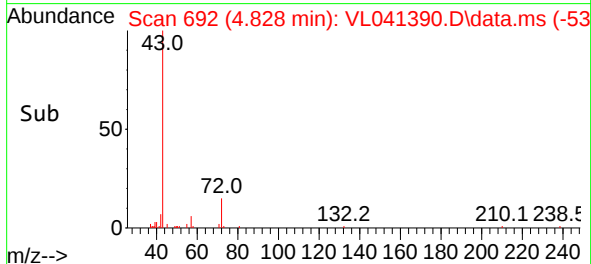
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 4991
Ion Ratio Lower Upper
43 100
72 25.6 17.2 25.8

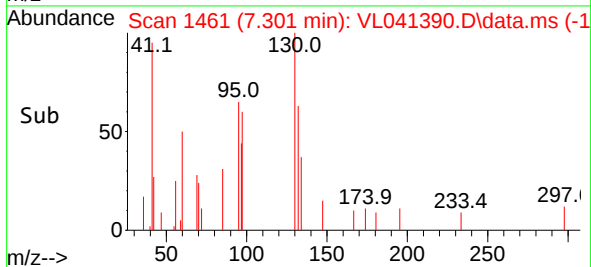
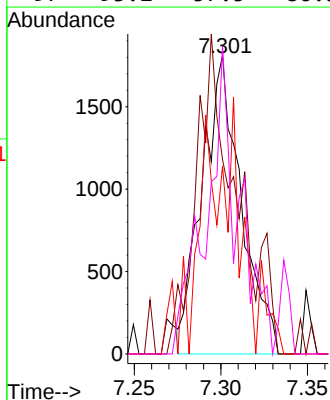
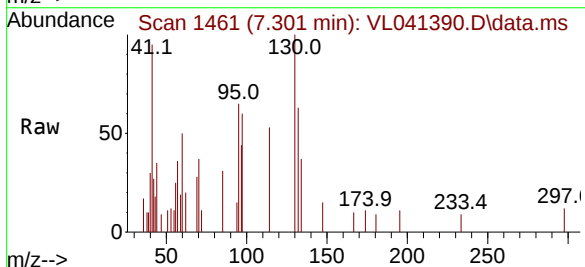
Manual Integrations
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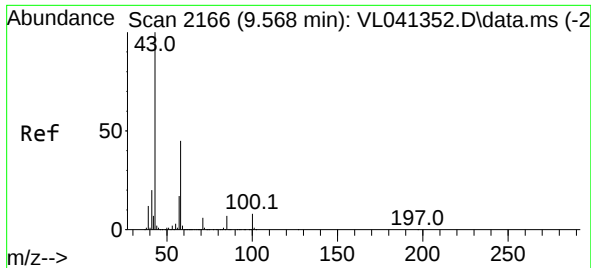
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#38
Trichloroethene
Concen: 0.030 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

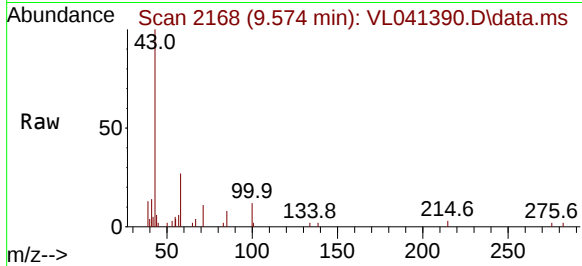
Tgt Ion:130 Resp: 2845
Ion Ratio Lower Upper
130 100
95 65.2 90.0 135.0#
132 62.9 74.8 112.2#
97 93.2 57.5 86.3#





#51
2-Hexanone
Concen: 0.146 ppbv m
RT: 9.574 min Scan# 2166
Delta R.T. 0.016 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

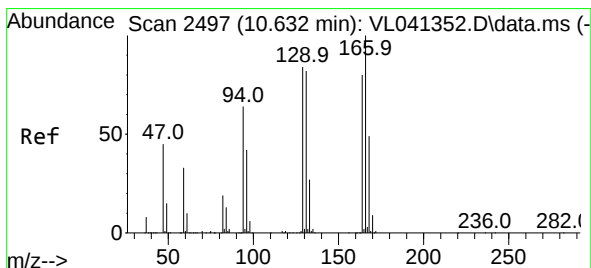
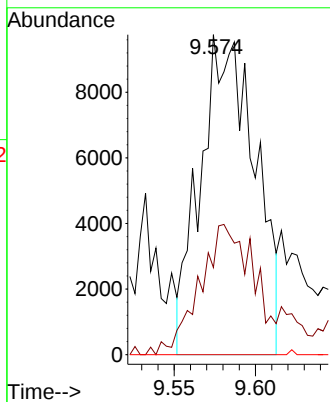
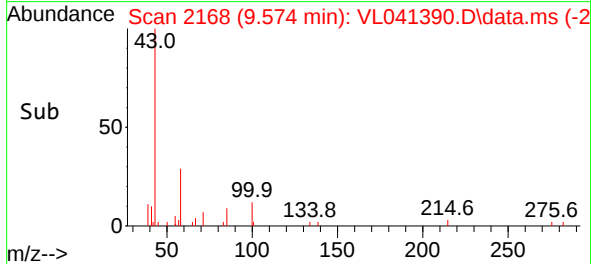
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



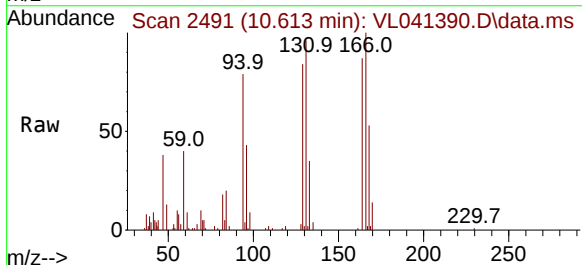
Tgt Ion: 43 Resp: 22778
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0
98 0.0 0.2 0.2

Manual Integrations
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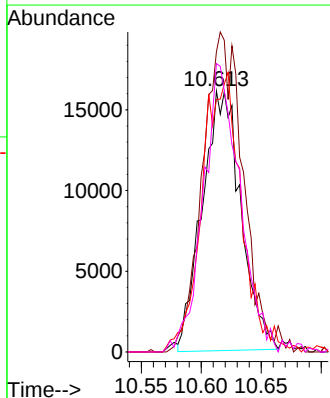
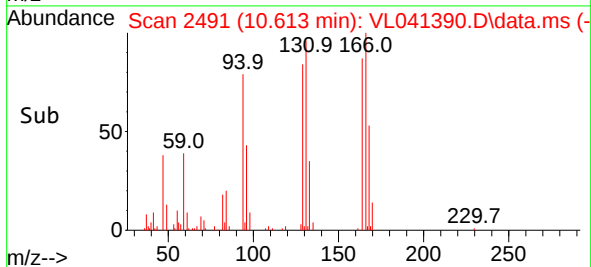
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

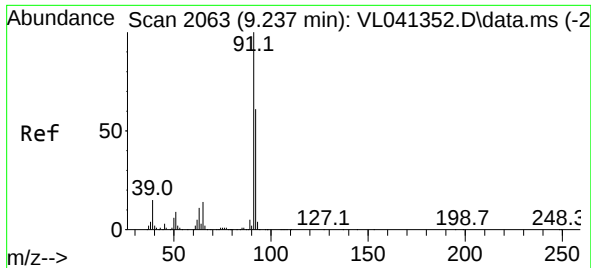


#52
Tetrachloroethene
Concen: 0.418 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.006 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37



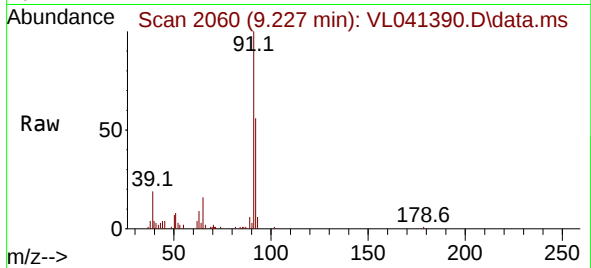
Tgt Ion:164 Resp: 36076
Ion Ratio Lower Upper
164 100
166 110.5 99.8 149.8
129 94.1 83.8 125.6
131 111.9 82.3 123.5





#53
Toluene
Concen: 0.214 ppbv
RT: 9.227 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

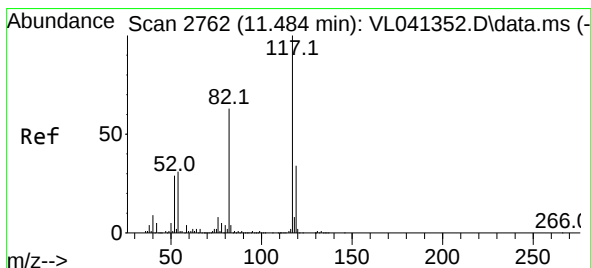
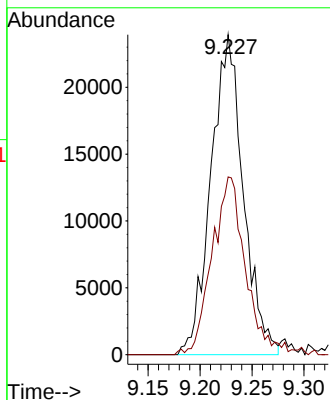
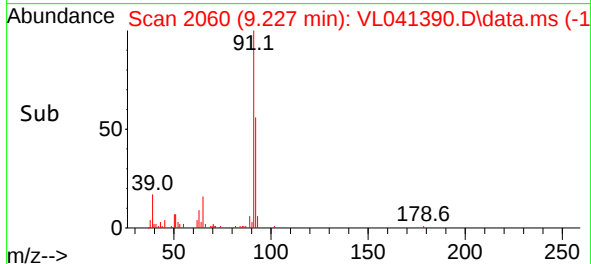
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 91 Resp: 5182
Ion Ratio Lower Upper
91 100
92 58.1 48.5 72.7

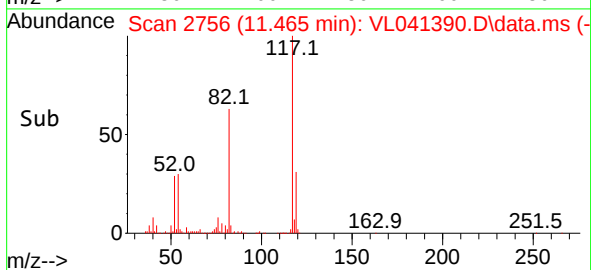
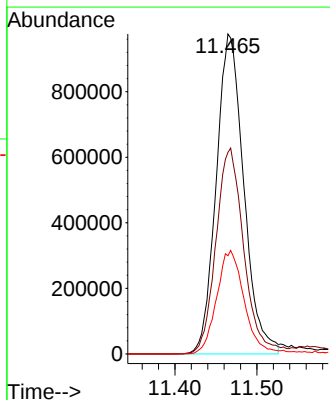
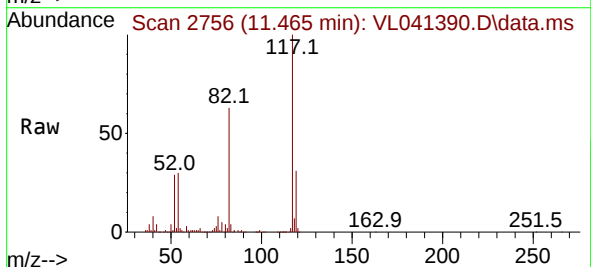
Manual Integrations
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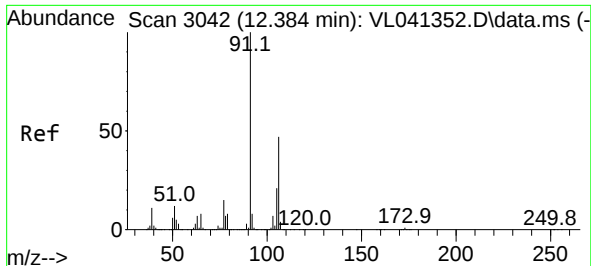
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.003 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

Tgt Ion:117 Resp: 2278796
Ion Ratio Lower Upper
117 100
82 65.1 50.6 75.8
119 34.0 24.7 37.1





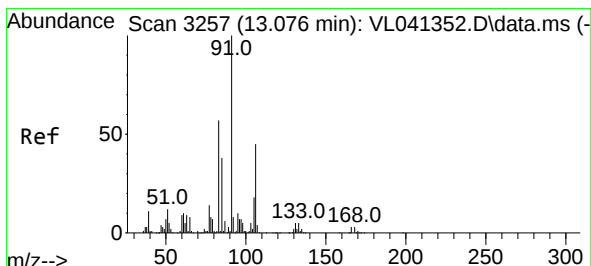
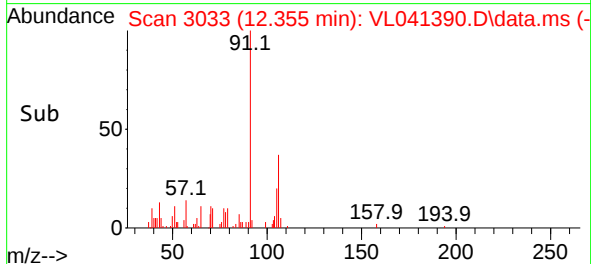
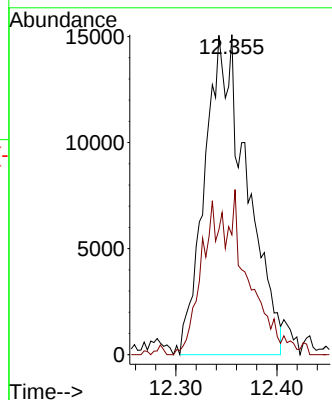
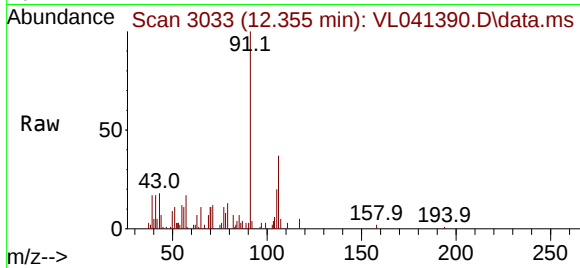
#59
m/p-Xylene
Concen: 0.166 ppbv m
RT: 12.355 min Scan# 3042
Delta R.T. -0.016 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 43700
Ion Ratio Lower Upper
91 100
106 0.0 35.6 53.4

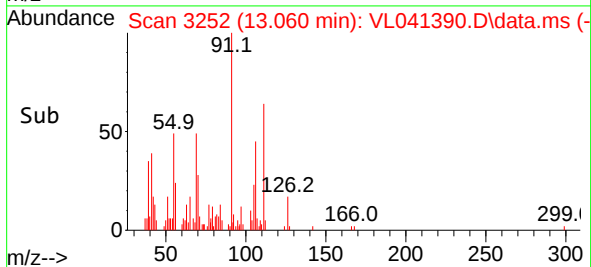
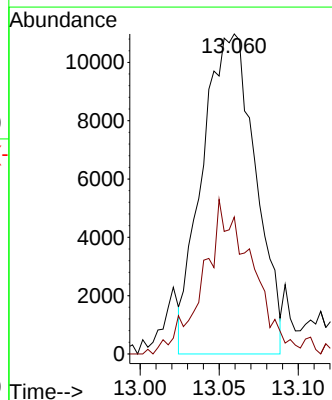
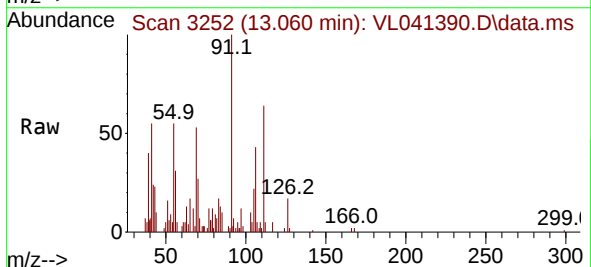
Manual Integrations
APPROVED

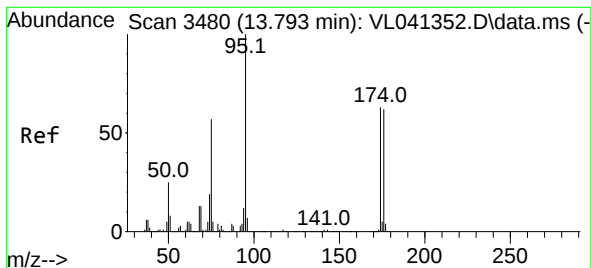
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#60
o-Xylene
Concen: 0.103 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

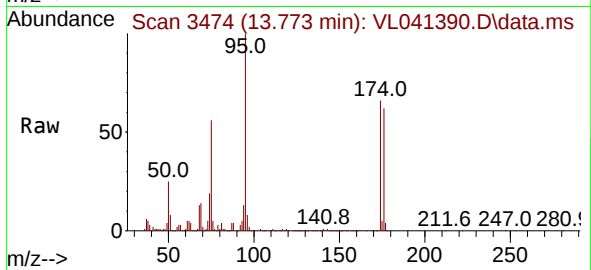
Tgt Ion: 91 Resp: 25734
Ion Ratio Lower Upper
91 100
106 0.0 23.3 69.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.239 ppbv
RT: 13.773 min Scan# 3480
Delta R.T. -0.003 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37

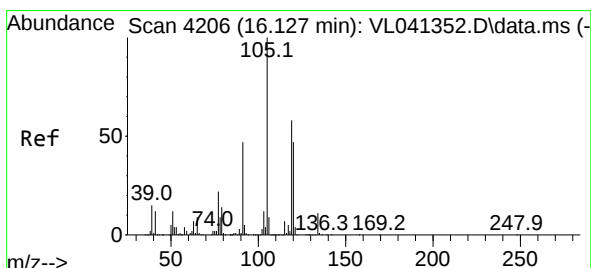
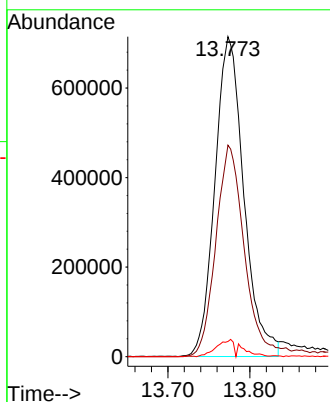
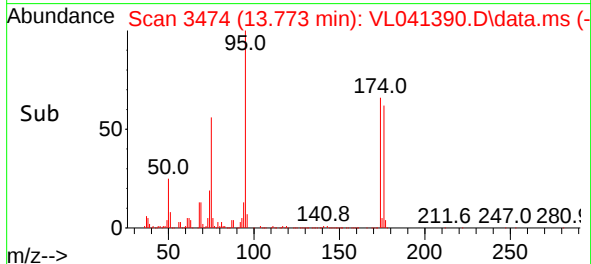
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



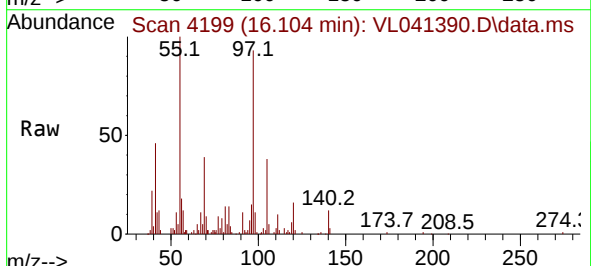
Tgt Ion: 95 Resp: 174880
Ion Ratio Lower Upper
95 100
174 68.9 53.1 79.7
175 4.6 4.0 6.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.142 ppbv m
RT: 16.104 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041390.D
Acq: 22 Jul 2024 17:37



Tgt Ion:105 Resp: 40596
Ion Ratio Lower Upper
105 100
120 43.8 37.8 56.8
91 28.4 38.0 57.0#
77 24.1 17.5 26.3

